

King County DNRP Water Quality Index

STATION **VA41A** WATER YEAR **2018**

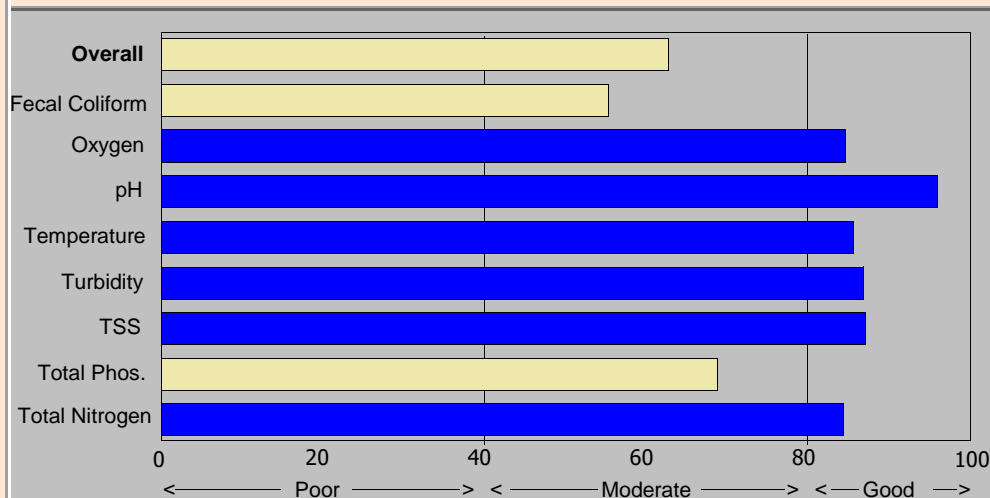
GAUGE # 65B Fisher Creek at mouth, Vashon Island

Overall Index 63

Station VA41A is located on Fisher Creek just upstream of the Vashon Highway SW crossing between Shawnee Road and 115th Ave SW. Fisher Creek drains into the western shore of Quartermaster Harbor. The creek was sampled from 2006 through 2012, and then monitoring resumed in 2014. All of Vashon-Maury Island is designated as rural and as such is outside the urban growth boundary. The creek is on the Washington State Department of Ecology's 303(d) list, Category 5, for violations of temperature standards.

Annual Water Quality Index Scores

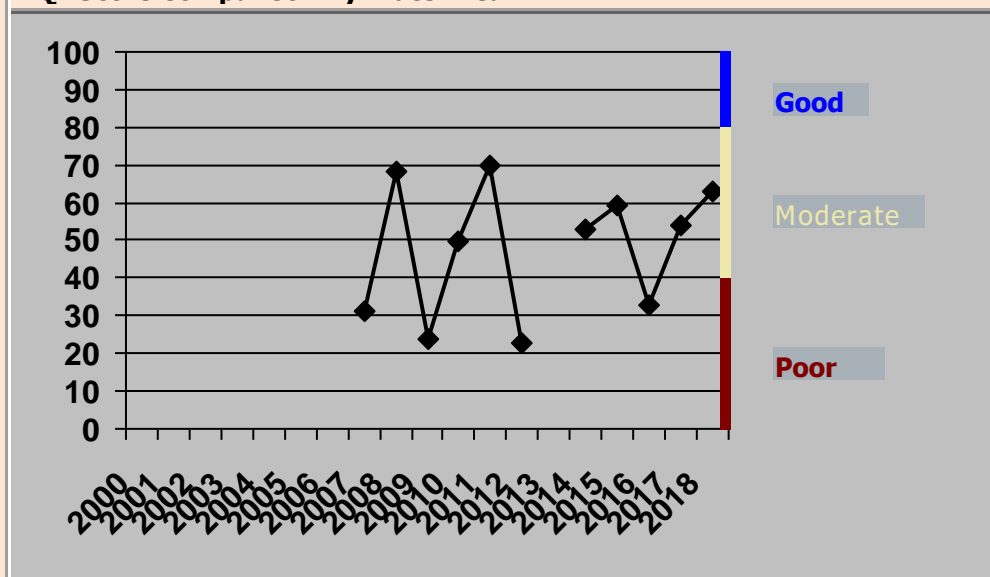
Water quality was MODERATE based on data collected 10/1/2017 to 9/30/2018.



Monthly Scores For Water Year 2018

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
91	58	96	96	89	87	86	71	77	67	64	91

WQI Score Comparison By Water Year



About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <https://green2.kingcounty.gov/streamsdata/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>